

ACRONYMS AND LIST OF PARTICIPATING ORGANIZATIONS

PARTICIPATING ORGANIZATIONS SUBMITTING/SUPPORTING PROPOSALS

AWEA - The American Wind Energy Association has 155 members in California, and represents virtually all of the wind energy related businesses operating in the state, including 10 operating companies in the major wind farm areas.

CalSEIA - California Solar Energy Industries Association

Cambrian Energy Development LLC

CBEA - The California Biomass Energy Alliance has 19 member companies, operating 34 plants in California, representing over 90 percent of the operable solid fuel biomass plants in the state.

CEC/ETD - Energy Technology Development Division Staff, California Energy Commission

City of Sacramento

City of San Diego Metropolitan Wastewater Department (MWWD) - treats the wastewater generated by a greater San Diego population of 1.8 million from 15 cities and districts contributing approximately 190 million gallons of wastewater per day. Planned improvements in design or under construction will increase the treatment capacity for an estimated population of 2.9 million through the year 2050. Nearly 340 million gallons of wastewater will ultimately be generated each day. Currently, Point Loma Wastewater Plant 1.5 MW power supply is generated by anaerobic digester gas fuel engines with a total capacity of 2.7 MW. This gas utilization facility will be upgraded to 4.5 MW. Additionally, two new privatized landfill gas and digester gas cogeneration plants will provide approximately 11 MW to MWWD.

EDF - Environmental Defense Fund

GEA - The Geothermal Energy Association has approximately 40 members representing all of the geothermal energy producers and many of the service companies operating in the geothermal industry in California.

Genesis Energy Systems

IEP - The Independent Energy Producers Association is California's oldest and leading trade association representing the interests of developers and operators of independent energy facilities, as well as independent power marketers. IEP's primary goals are to safeguard the interests of operating independent energy projects, and ensure that California remains a healthy market for development in the independent energy industry.

IPT - International Power Technology

IEM - Institute for Environmental Management

Laidlaw Gas Recovery Systems, Inc.: A wholly owned subsidiary of Laidlaw, Inc., a publicly traded company on the New York Stock Exchange. Laidlaw Gas Recovery Systems was founded in 1979 and currently owns and operates 12 landfill gas-to-energy facilities generating 43,000kW of electrical energy.

LACSD - Los Angeles County Sanitation District

MRWMD - Monterey Regional Waste Management District

NCPA - Northern California Power Agency

NEO Corp.

Orange County

PG&E - Pacific Gas & Electric Company

SAIC- Science Applications International Corporation, Material and Structures Division is a 25 kW Solar Dish/Stirling developer, based in San Diego. As part of the United States Department of Energy Dish/Stirling Utility Joint Venture Program, the SAIC team is providing \$18M of the \$36M needed to field 50 systems in Southern California to capture a stake in the solar power thermal international market.

SCE - Southern California Edison

SDG&E - San Diego Gas & Electric Company, a subsidiary of Enova Corporation, is a California Investor Owned Utility Company founded in 1881. SDG&E provides service to 1.15 million electric customers in San Diego and southern Orange Counties, and gas service to 0.7 million customers in San Diego County.

SEIA - Solar Energy Industries Association

SMUD - Sacramento Municipal Utility District

Sonoma County - County landfill that provides disposal service for 425,000 residents and produces 6 MW of electricity from landfill gas.

STEA - The Solar Thermal Energy Alliance represent all nine of the operating solar thermal power plants in California.

UCS - The Union of Concerned Scientists is a national nonprofit organization dedicated to advancing responsible public policies in areas where science and technology play a critical role. UCS is supported by 100,000 sponsors nationwide, including 30,000 sponsors in California.

PARTICIPATING ORGANIZATIONS

Bechtel -

BFP - Burney Forest Products is a 31 megawatt biomass fueled power plant using forest and sawmill residues as its main fuel sources. BFP began operations in 1989 and has a Power Sales Agreement with PG&E.

Byrne Associates -

Calpine Corporation -

CEC - California Energy Commission

CEERT - Center for Energy Efficiency and Renewable Technologies

City of Palo Alto -

CIWMB - California Integrated Waste Management Board

Consumers Utility Brokerage Inc. -

Corporation for Solar Technology & Renewable Resources -

County of Sacramento

CPUC/DRA

Cummins Power Generation

EF&RAD Staff - Energy Forecasting and Resource Assessment Division Staff, California Energy Commission

ESI Energy, Inc. -

Exergy, Inc.

FRA - Future Resource Associates Inc.

IPP - Independent Power Providers is a California non-profit corporation with the purpose of encouraging and developing the use of renewable energy power systems, especially as an alternative to line extensions and conventional centrally generated utility power. IPP has a national membership of 150. Trade membership in California includes over 25 licensed PV installation companies.

KJC CC - KJC Consulting Company provides project management services for five 30 MW solar thermal electric generating facilities located in the Mojave Desert.

LBNL - Lawrence Berkeley National Laboratory

Los Angeles Department of Water and Power

NRDC - Natural Resources Defense Counsel

Pacific Energy Group

Pacific Lumber Company

Project Development

Royal Farms - owns and operates four QF anaerobic digester lagoons that produce a total of approximately 200 kWh from animal waste. The process controls odor, reduces air pollution, and improves water quality with a 20 to 30 percent annual return on investment. Sharp Energy, Inc. is the company started in 1992 to sell the aforementioned commercial projects.

Sierra Club

SoCal Gas - Southern California Gas Company, a subsidiary of Pacific Enterprises, is a local distribution company (LDC) serving central and southern California. SoCal Gas is the nation's largest LDC, with approximately 4.8 million meters.

Thermo Ecotek -

UAE Energy Operations - United American Energy Operations Corporation

UC Berkeley

UC Energy Institute

WAPA - Western Area Power Administration

Yolo County Public Works

Zond Corporation - The holding company for all of the Zond entities including Zond Systems, Inc., incorporated in 1980, and the principal operating subsidiary of the company. Zond is a vertically integrated wind energy developer, turbine manufacturer, and independent power producer, whose Z-class wind turbine is the largest manufactured in the U.S. Zond currently operates over 2,400 wind power projects for itself and utilities, and manufactures its Z-class wind turbines for utilities and independent power producers domestically and internationally.

ACRONYMS

BEC - Biomass Energy Credit, a subset of Renewable Energy Credits.

CTC - Competition Transition Charge

ISO - Independent System Operator

MRPR - Minimum Renewables Purchase Requirement

PBR - performance based regulation

PPA - power purchase agreement

REC - Renewable Energy Credit - tradable certificates of proof that one kWh of electricity has been generated by the appropriate renewable-fueled source and sold to an end-user in California.

RPS - Renewables Portfolio Standard

SRAC - short-run avoided cost

T&D - transmission and distribution

UDC - utility distribution company